CURRICULUM VITAE

CAROL A. PRESCOTT, PH.D.

April 2023

PERSONAL INFORMATION

Born: Anaheim, California

Citizenship: U.S.A.

Position: Professor of Psychology and Gerontology

University of Southern California

Office Address: Department of Psychology

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EDUCATION AND TRAINING

| May 1984 | B.A. Johns Hopkins University |
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| | Major: Psychology (General and Departmental honors) |
| May 1985 | M.A. Johns Hopkins University |
| | Major: Experimental Psychology (Departmental honors) |
| May 1991 | Ph.D. University of Virginia |
| | Psychology; Major: Clinical; Minor: Quantitative Methods |
| 1990-1991 | Internship in Clinical Psychology; Semel Neuropsychiatric Institute, University |
| | of California, Los Angeles |
| 1991-1992 | Postdoctoral Fellowship (Statistical Genetics) |
| | Department of Human Genetics, Virginia Commonwealth University |
| 1991-1993 | Clinical Psychology Residency (part-time) |
| | Department of Psychiatry, Virginia Commonwealth University |

PROFESSIONAL POSITIONS

Johns Hopkins University, School of Medicine

1984 - 1986 Research Associate, Department of Psychiatry

Virginia Commonwealth University

| 1992 - 2005 | Assistant to Associate Professor – Virginia Institute for Psychiatric & |
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| | Behavioral Genetics (VIPBG). Department of Psychiatry |

2001 - 2005 Associate Professor (joint appointment), Department of Psychology

University of Southern California

| 2005 - 2023 Professor, Department of Psychology (on leave 11/20-4/23, retired 4/23) |
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2012 - 2021 Professor, Davis School of Gerontology (joint appointment)

HONORS, AWARDS AND ELECTED POSITIONS

DuPont Fellowship, University of Virginia, 1987-1990

Presidential Fellowship, University of Virginia, 1986-1990

Young Investigator Award, NIAAA 25th Anniversary Symposium (Invited Presentation), May 1995

Society of Multivariate Experimental Psychology, elected to membership, 1998

Templeton Foundation Award for Outstanding Paper on Religion in the Medical Sciences, 1999 (with K. Kendler and C. Gardner)

Executive Committee, Behavior Genetics Association, Representative for Associate Members, 2000-2003

Visiting Scholar, Harris-Manchester College, Oxford University, Summer 2004

Theodore Reich Young Investigator Award, International Society of Psychiatric Genetics, 2004 Fulker Award for Most Meritorious Paper, Behavior Genetics Association, 2006 (with P.

Madden & M. Stallings)

Executive Committee, Behavior Genetics Association, 2012-2015

President, Behavior Genetics Association, 2013-2014

Dobzhansky Award for Lifetime Accomplishments, Behavior Genetics Association, 2019 (with J. McArdle)

RESEARCH FUNDING

Active Awards

R01 AG056163-04 (C. Prescott) 09/15/16 – 04/30/23 NIH/NIA \$3.8M (total direct costs)

Risk for Alzheimer's Disease and Cognitive Decline in Project TALENT

Role: PI

R01 AG056163-S1 (C. Prescott) 09/15/17 – 04/30/20

NIH/NIA

Adolescent Antecedents of AD and Other Dementias in Underrepresented Minority Participants in the Project Talent Aging Study

Role: PI

R01 AG056163-S2 (C. Prescott) 09/15/17 – 04/30/20

NIH/NIA

DNA Collection for Genetic Studies of AD, Dementia and Cognitive Aging in the Project Talent Aging Study

Role: PI

R01 AG056163-S3 (C. Prescott) 10/01/18 – 04/30/20

NIH/NIA \$368,263

Risk for Alzheimer's Disease and Cognitive Decline in Project TALENT. (Research

Supplement to Promote Diversity in Health Related Research)

Role: PI, Mentor to C. Zavala

R01 AG056163-S4 (C. Prescott) 11/01/18 – 04/30/19 NIH/NIA \$252,197

Evaluation of Dementia and DNA Collection in Underrepresented Minority Twins and Siblings in the Project Talent Aging Study.

Role: PI

R37 AG-007137-24 (J McArdle & C Prescott) 05/01/11 - 04/30/20

NIH/NIA

Assessing and Improving Measures of Cognition in the HRS

Role: Acting PI

R01 AG059329 (N Pedersen, B Finch & M Gatz, USC) 09/01/18 – 5/31/23 NIH/NIA \$461,329 (annual)

SES health gradients in late life: Testing models of gene-environment interplay in an international twin consortium

Role: Co-Investigator

R01 AG060470 (M Gatz & N Pedersen, USC) 09/01/18 – 3/31/23 NIH/NIA \$610,031 (annual)

Clarifying risk and protective factors for dementia with the Interplay of Genes and Environment in Multiple Studies (IGEMS) consortium

Role: Co-Investigator

Prior Awards - Externally Funded

| 1992-1994 | Epidemiology of Affective and Anxiety Alcohol Disorders in Women, Rachel Brown |
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| | Banks Research Fund (PI: K. Kendler, VCU). Co-Investigator. |

- 1992-1997 *Epidemiology of Affective, Anxiety and Alcohol Disorders*, NIH R01-MH-49492 (PI: K. Kendler, VCU). Co-Investigator.
- 1994-1998 A Twin-Family Study of Alcoholism in Women, NIH R01-AA/DA-09095 (PI: K. Kendler, VCU). Co-Principal Investigator.
- 1995-1998 *A Minority Twin Study of Alcoholism in Women* (supplement to NIH R01-AA-09095 from the Office of Research on Women's Health). Co-Principal Investigator.
- 1996-1998 Family spiritual values in the transition from adolescence to young adulthood, John Templeton Foundation (PI: L. Eaves, VCU). Co-Investigator.
- 1996-2001 *Psychiatric Genetic Epidemiology*. NIH R24-MH-54140 (PI: K. Kendler, VCU). Co-Investigator.
- 1997-2005 Epidemiology of Affective, Anxiety and Alcohol Disorders, NIH R01-MH-49492 (PI: K. Kendler, VCU). Co-Principal Investigator.
- 1997-2002 An Irish Affected Sib-Pair Study of Alcoholism, NIH R01-AA-11408 (PI: K. Kendler, VCU). Co-Investigator.
- 1998-2003 *Mediation and Moderation of Genetic Risk for Alcoholism*, NIH K01-AA-00236. Principal Investigator.
- 1998-2000 *Dimensions of Spirituality and the Risk for Psychiatric Disorders*, John Templeton Foundation (PI: K. Kendler, VCU). Co-Investigator.
- 1998-2004 A Twin-Family Study of Drug Use, Abuse and Dependence NIH R01-DA-11287 (PI: K. Kendler, VCU). Co-Investigator.
- 2002-2005 An Irish Affected Sib-Pair Study of Alcoholism, NIH R01-AA-11408. Principal

| | Investigator. |
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| 2003-2004 | Youth Tobacco Control Policy Research: Behavioral and Biological Factors, Virginia |
| | Youth Tobacco Research Foundation (PI: B. Dembling, University of Virginia). |
| | Principal Investigator of VCU Subaward. |
| 2003-2006 | Genetic Heterogeneity of Major Depression, A Twin Study of Comorbidity, National |
| | Alliance for Research on Schizophrenia and Depression Independent Investigator |
| | Award. Principal Investigator. |
| 2004-2008 | Axis I and Axis II Psychiatric Disorders in Norwegian Twins, NIH R01-MH-068643 |
| | (PI: K. Kendler, VCU). Co-Investigator. |
| 2005-2006 | An Irish Affected Sib-Pair Study of Alcoholism, NIH R01-AA-11408 (PI: K. Kendler, |
| | VCU). Co-Principal Investigator. |
| 2005-2009 | A Twin-Family Study of Drug Use, Abuse and Dependence. Continuation of NIH R01- |
| | DA-11287 (PI: K. Kendler, VCU). Co-Investigator. |
| 2006-2007 | Inflammation and Risk for Dementia in Aging Twins. Pilot award from USC/UCLA |
| | Biodemography Center (USC PI: E. Crimmins) NIH P30 AG-017265 (Pilot |
| | award PI: M. Gatz, USC). Co-Investigator. |
| 2006-2009 | University of Southern California Pacific Rim Global Health Framework. NIH Global |
| | Health Framework Award. NIH R25-TW-007751 (PI: C. Johnson, USC). |
| | Coordinator of Behavioral Science Component. |
| 2008-2009 | Anxiety, Stressful Life Events, and Physical Health in Older Adults. NIH F31-AG- |
| | 03169 (PI: L. Lee, USC). Sponsor. |
| 2009-2011 | From Child Maltreatment to Adolescent Substance Abuse: Risks and Protective |
| | Factors. NIH R01-DA-24569 (PI: P. Trickett, USC). Co-Investigator. |
| 2009-2011 | Interaction of Genes and Childhood Adversity in the Lifetime Dynamics of Cognitive |
| | Abilities. National Institute on Aging. Competitive Supplement to NIH R01-AG- |
| | 07407 (PI of parent project: J. McArdle, USC). Principal Investigator. |
| 2009-2012 | Interaction of Genes, Stress and Cognition in the Development of Alcoholism. NIH |
| | F31-AA-018611 (PI: K. Young-Wolff, USC). Sponsor. |
| 2010-2012 | 20-year intergenerational longitudinal follow up of females abused as children. R03- |
| | MH-060604 (PI: J. Noll, U Cincinnati). Co-Investigator. |
| 2012 | Estimating Genotypic Resemblance of Spouses and Assortative Mating for Alcohol Use |
| | in the HRS. Pilot award from USC/UCLA Biodemography Center. NIH P30-AG- |
| | 017265 (USC PI: E. Crimmins). Principal Investigator. |
| 2010-2014 | Intergenerational Transmission of Alcohol Involvement. NIH R01 AA-018179 (PI: S. |
| | Luczak, USC). Co-Investigator. |
| 2011-2016 | The Greatest Generation: The NAS-NRC WWII Twin Registry as a Scientific Resource. |
| | R21 AG039572 (USC PI: M. Gatz). Co-Investigator. |
| 2011-2016 | A 55-Year Follow-Up Study of Project TALENT Twins and Siblings. NIH R01-AG- |
| | 043656. Principal Investigator. |
| 2014-2015 | A 55-Year Follow-Up Study of Project TALENT Twins and Siblings; Supplement. NIH |
| | R01-AG-043656-02S1. Principal Investigator. |
| 2014 | Development and Validation of Self-Administered Tablet Computer Cognitive |
| | Assessment. Pilot award from USC/UCLA Biodemography Center. NIH P30 |
| | AG-017265 (USC Center PI: E. Crimmins). Principal Investigator. |
| 2014 2017 | Etiology of Emotional Positiones in Older Adults, Strong Comes, and Polyguions, NILL |

Etiology of Emotional Resilience in Older Adults: Stress, Genes, and Behaviors. NIH F32 AG-048681-02. (T. Arpawong, USC). Sponsor.

2014-2017

2017-2018 Processing Speed in Aging: Mechanisms for Ability and Change Related to Genes and Sex. Pilot award from USC/UCLA Biodemography Center. NIH P30 AG-017265 (USC Center PI: E. Crimmins; Pilot Project PI: T. Arpawong). Co-Investigator.

Prior Awards - Internally Funded

| Virginia Com | monwealth University (VCU) | |
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| 1997-1998 | A Twin Study of Vulnerability to Anxiety. Pilot award from Virginia Institute for | |
| | Psychiatric & Behavioral Genetics. Principal Investigator. | |
| 1998-1999 | A Twin Study of Vulnerability to Anxiety. A.D. Williams Research Fund. Principal | |
| | Investigator. | |
| 1999-2000 | Association between Serotonin Candidate Genes and Personality Characteristics. Pilot | |
| | award, Virginia Institute for Psychiatric & Behavioral Genetics. Principal | |
| | Investigator. | |
| University of | Southern California | |
| 2007-2008 | Investigating How Genes Interact with Child Abuse and Neglect to Influence Mental | |
| | Health. Zumberge Research and Innovation Award (PI: P. Trickett). Co-PI. | |
| 2007-2008 | From Nature vs. Nurture to Nature x Nurture: How Genes Interact with Child Abuse | |
| | and Neglect. Advancing Scholarship in the Humanities and Social Sciences grant | |
| | (Co-PI: P. Trickett). Co-PI. | |
| 2009-2010 | Faculty Advisor. USC Undergraduate Research Associates Program | |
| 2010 | Faculty Advisor. USC Summer Undergraduate Research Fund | |
| 2011 | Faculty Advisor. USC Summer Undergraduate Research Fund; Provost's | |
| | Undergraduate Research Fellowship | |
| 2013 | Faculty Advisor. USC Summer Undergraduate Research Fund | |
| 2015 | Separating the Impacts of Community and Family Factors on Adolescent Cognitive | |
| | Abilities and Early Adult Educational and Occupational Achievements. USC | |
| | Center for Economic and Social Research. Principal Investigator. | |
| 2015 | Project Talent Aging Study. Zumberge Grant Development Award, USC Office of | |

BIBLIOGRAPHY

Peer-Reviewed Papers, alphabetical by first author within Publication Year

Research. Principal Investigator.

1986

Prescott, C.A., Strauss, M.E., and Tune, L.: Test retest-reliability of information processing measures among chronic schizophrenics. *Psychiatry Research*, *17*, 199-202, 1986

- Rabins, P.V., Rovner, B.W., Larson, D.B., Burns, B.J., Prescott, C., and Beardsley, R.S.: The use of mental health measures in nursing home research. *Journal of the American Geriatric Society*, *35*, 431-434, 1987. PMID: 3553282
- Strauss, M.E., Prescott, C.A., Gutterman, D.F., and Tune, L.E.: Span of apprehension deficits in schizophrenia and mania. *Schizophrenia Bulletin*, *13*, 699-704, 1987. PMID: 3438709

Gottesman, I.I., and Prescott, C.A.: Abuses of the MacAndrew Alcoholism Scale: A critical review. *Clinical Psychology Review*, *9*, 223-242, 1989

1992

McArdle, J.J., and Prescott, C.A.: Age-based construct validation using structural equation modeling. *Experimental Aging Research*, 18, 87-115, 1992. PMID: 1459166

1993

Prescott, C.A., and Gottesman, I.I.: Genetically mediated vulnerability to schizophrenia. *Psychiatric Clinics of North America*, *16*, 245-267, 1993. PMID: 8332563

1994

- Prescott, C.A., Hewitt, J.K., Heath, A.C., Truett, K.R., Neale, M.C., and Eaves, L.J.: Environmental and genetic influences on alcohol use in a volunteer sample of older twins. *Journal of Studies on Alcohol*, *55*, 18-33, 1994. PMID: 818972
- Prescott, C.A., Hewitt, J.K., Truett, K.R., Heath, A.C., Neale, M.C., and Eaves, L.J.: Genetic and environmental influences on lifetime alcohol-related problems in a volunteer sample of older twins. *Journal of Studies on Alcohol*, *55*, 184-202, 1994. PMID: 8189739
- Roy, M.-A., Walsh, D., Prescott, C.A., and Kendler, K.S.: Biases in the diagnosis of alcoholism by the family history method. *Alcoholism: Clinical and Experimental Research*, *18*, 845-851, 1994. PMID: 7978094

1995

Prescott, C.A. and Kendler, K.S. The twin study design. *Alcohol Health and Research World*, 19, 200-205, 1995.

1996

- Kendler, K.S., Neale, M.C., Prescott, C.A., Kessler, R.C., Heath A.C., Corey, L.A., and Eaves, L.J.: Childhood parental loss and alcoholism in women: A causal analysis using a twinfamily design. *Psychological Medicine*, *26*, 79-95, 1996. PMID: 8643766
- Prescott, C.A., and Kendler, K.S.: Longitudinal stability and change in alcohol consumption among female twins: Contributions of genetics. *Development and Psychopathology*, 8, 849-866, 1996

- Kendler, K.S., Gardner, C., and Prescott, C.A.: Religion, psychopathology, and substance use and abuse: A multimeasure, genetic-epidemiologic study. American Journal of Psychiatry, 154, 322-329, 1997. PMID: 9054778
- Kendler, K.S., Prescott, C.A., Neale, M.C., and Pedersen, N.L.: Temperance board registration for alcohol abuse in a national sample of Swedish male twins born 1902-1949. *Archives of General Psychiatry*, *54*, 178-184, 1997. PMID: 9040286
- Prescott, C.A., Neale, M.C., Corey, L.A., and Kendler, K.S.: Predictors of problem drinking and alcohol dependence in a population-based sample of female twins. *Journal of Studies on Alcohol*, *58*, 167-181, 1997. PMID: 9065895

- Kendler, K.S., Gardner, C.O. Jr., and Prescott, C.A.: A population-based twin study of self-esteem and gender. *Psychological Medicine*, 28, 1403-1409, 1998. PMID: 9854281
- Kendler, K.S., Karkowski, L.M., and Prescott, C.A.: Stressful life events and major depression: risk period, long-term contextual threat and diagnostic specificity. *Journal of Nervous and Mental Disease*, *186*, 661-669, 1998. PMID: 9824167
- Kendler, K.S., Karkowski, L.M., Prescott, C.A., Neale, M.C., and Pedersen, N.L.: Multivariate genetic analysis of the causes of temperance board registrations in all Swedish malemale twin pairs born 1926-1949. *British Journal of Psychiatry*, *172*, 268-272, 1998. PMID: 9614478
- Kendler, K.S., Karkowski, L.M., Prescott, C.A., and Pedersen, N.L.: Latent class analysis of temperance board registrations in Swedish male-male twin pairs born 1902-1949: searching for the subtypes of alcoholism. *Psychological Medicine*, *28*, 803-813, 1998. PMID: 9723137
- Kendler, K.S., and Prescott, C.A.: Cannabis use, abuse and dependence in a population-based sample of female twins. *American Journal of Psychiatry*, *155*, 1016-1022, 1998. PMID: 9699687
- Kendler, K.S., and Prescott, C.A.: Cocaine use, abuse and dependence in a population-based sample of female twins. *Br J Psychiat*, *173*, 345-350, 1998. PMID: 9926041
- McArdle, J.J., Prescott, C.A., Hamagami, F., and Horn, J.L.: A contemporary method for the developmental-genetic analysis of age changes in intellectual abilities. *Development Neuropsychol*, *14*, 69-114, 1998
- Prescott, C.A., McArdle, J.J., Hishinuma, E.S., Johnson, R.C., Miyamoto, R.H., Andrade, N.H., Edman, J.L., Makini, G.K., Jr., Nahulu, L.B., Yuen, N.Y.C., and Carlton, B.S.: Prediction of major depression and dysthymia from CES-D scores among ethnic minority adolescents. *Journal of the American Academy of Child and Adolescent Psychiatry*, *37*, 495-503, 1998. PMID: 9585651

- Kendler, K.S., Gardner, C.O., and Prescott, C.A.: Clarifying the relationship between religiosity and psychiatric illness: The impact of covariates and the specificity of buffering effects. *Twin Research*, 2, 137-144, 1999 [Templeton Award recipient]. PMID: 10480748
- Kendler, K.S., Gardner, C.O., and Prescott, C.A.: The clinical characteristics of major depression that predict risk of depression in relatives. *Archives of General Psychiatry*, 56, 322-327, 1999. PMID: 10197826
- Kendler, K.S., Karkowski, L.M., Corey, L.A., Prescott, C.A., and Neale, M.C. Genetic and environmental risk factors in the aetiology of illicit drug initiation and subsequent misuse in women. *British Journal of Psychiatry*, *175*, 351-356, 1999. PMID: 10789303
- Kendler, K.S., Karkowski, L.M., and Prescott, C.A.: Fears and phobias: reliability and heritability. *Psychological Medicine*, *29*, 539-553, 1999. PMID: 10405076
- Kendler, K.S., Karkowski, L.M., and Prescott, C.A.: Hallucinogen, opiate, sedative and stimulant use and abuse in a population-based sample of female twins. *Acta Psychiat Scand*, *99*, 368-376, 1999. PMID: 10353453
- Kendler, K.S., Karkowski, L.M., and Prescott, C.A.: The assessment of dependence in the study of stressful life events: validation using a twin design. *Psychological Medicine*, 29, 1455-1460, 1999. PMID: 10616952

- Kendler, K.S., Karkowski, L.M., and Prescott, C.A.: The causal relationship between stressful life events and the onset of major depression, *American Journal of Psychiatry*, *156*, 837-841, 1999. PMID: 10360120
- Kendler, K.S., Neale, M.C., Sullivan, P.F., Corey, L.A., Gardner, C.O., Jr., and Prescott, C.A.: A population based twin study in women of smoking initiation and nicotine dependence. *Psychological Medicine*, *29*, 299-308, 1999. PMID: 10218922
- Kendler, K.S., and Prescott, C.A.: A population-based twin study of lifetime major depression in men and women. *Archives of General Psychiatry*, *56*, 39-44, 1999. PMID: 9892254
- Kendler, K.S., and Prescott, C.A.: Caffeine intake, tolerance and withdrawal in women: a population-based twin study. *American Journal of Psychiatry*, *156*, 223-228, 1999. PMID: 9989558
- Prescott, C.A., Aggen, S.H. and Kendler, K.S.: Sex differences in the sources of genetic liability to alcohol abuse and dependence in a population based sample of U.S. twins. *Alcoholism: Clinical and Experimental Research*, *23*, 1136-1144, 1999 (Highlighted article). PMID: 10443978
- Prescott, C.A., Johnson, R.C., and McArdle, J.J.: Chorion type as a possible influence on the results and interpretation of twin study data. *Twin Research*, 2, 244-249, 1999. PMID: 10723802
- Prescott, C.A., and Kendler, K.S.: Age at first drink and risk for alcoholism: A noncausal association. *Alcoholism: Clinical and Experimental Research*, 23, 101-107, 1999. PMID: 10029209
- Prescott, C.A., and Kendler, K.S.: Genetic and environmental contributions to alcohol abuse and dependence in a population-based sample of male twins. *American Journal of Psychiatry*, *156*, 34-40, 1999. PMID: 9892295

- Jacobson, K.C., Prescott, C.A., and Kendler, K.S.: Cohort differences in genetic and environmental influences on retrospective reports of conduct disorder among adult male twins.
 - Psychological Medicine, 30, 775-787, 2000. PMID: 11037085
- Jacobson, K.C., Prescott, C.A., and Kendler, K.S.: Genetic and environmental influences on juvenile antisocial behaviour assessed on two occasions. *Psychological Medicine*, *30*, 1315-1325, 2000. PMID: 11097072
- Jonnal, A.H., Gardner, C.O., Prescott, C.A., and Kendler, K.S.: Obsessive and compulsive symptoms in a general population sample of female twins. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, *96*, 791-796, 2000. PMID: 11121183
- Karkowski, L.M., Prescott, C.A., and Kendler, K.S.: Multivariate assessment of factors influencing illicit substance use in twins from female-female pairs. *American Journal of Medical Genetics (Neuropsychiatric Genetics)* 96, 665-670, 2000. PMID: 11054775
- Kendler, K.S., Bulik, C.M., Silberg, J., Hettema, J.M., Myers, J., and Prescott, C.A.: Childhood sexual abuse and adult psychiatric and substance use disorders: an epidemiologic and cotwin control analysis. *Archives of General Psychiatry*, *57*, 953-959, 2000. PMID: 11015813
- Kendler, K.S., Karkowski, L.M., Neale, M.C. and Prescott, C.A.: Illicit psychoactive substance use, heavy use, abuse and dependence in a U.S. population-based sample of male twins. *Archives of General Psychiatry*, *57*, 261-269, 2000. PMID: 10711912
- Kendler, K.S., Myers, J., and Prescott, C.A.: Parenting and adult mood, anxiety, and substance

- use disorders in female twins: an epidemiological multi-informant, retrospective, study. *Psychological Medicine*, *30*, 281-294, 2000. PMID: 10824649
- Prescott, C.A., Aggen, S.H. and Kendler, K.S.: Sex-specific genetic influences on the comorbidity of alcoholism and major depression in a population-based sample of U.S. twins. *Archives of General Psychiatry*, *57*, 803-811, 2000. (Abstracted in: *JAMA 284*, 2435, 2000; *Evidenced Based Mental Health*, *4*, 30, 2001). PMID: 10920470
- Prescott, C.A., and Kendler, K.S.: Influence of ascertainment strategy on finding sex differences in genetic influences from twin studies of alcoholism. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 96, 754-761, 2000. PMID: 11121175
- Young, E., Aggen, S., Prescott, C.A., and Kendler, K.S.: Similarity in saliva cortisol measures in monozygotic twins and the influence of past major depression. *Biological Psychiatry*, 48, 70-74, 2000. PMID: 10913510

- Bulik, C.M., Prescott, C.A., Kendler, K.S. Features of childhood sexual abuse and the development of psychiatric and substance use disorders. *British Journal of Psychiatry*, 179, 444-449, 2001. PMID: 11689403
- Bullers, S., and Prescott, C.A.: An exploration of the independent contributions of genetics, shared environment, specific environment, and adult roles and statuses on perceived control. *Sociological Inquiry*, 71, 145-163, 2001
- Goldstein, R.B., Prescott, C.A., and Kendler, K.S.: Genetic and environmental factors in conduct problems and adult antisocial behavior among adult female twins. *Journal of Nervous and Mental Disease*, 189, 210-209, 2001. PMID: 11339315
- Hettema, J.M., Prescott, C.A., and Kendler K.S.: A population-based twin study of generalized anxiety disorder in men and women. *Journal of Nervous and Mental Disease*, 189, 413-420, 2001. PMID: 11504317
- Kendler, K.S., Gardner, C.O., Neale, M.C., and Prescott, C.A.: Genetic risk factors for major depression in men and women: similar or different heritabilities and same or partly distinct genes? *Psychological Medicine 31*, 605-616, 2001. PMID: 11352363
- Kendler, K.S., Gardner, C.O. Jr., and Prescott, C.A.: Are there sex differences in the reliability of a lifetime history of major depression and its predictors? *Psychological Medicine 31*, 617-625, 2001. PMID: 11352364
- Kendler, K.S., Gardner, C.O. Jr., and Prescott, C.A.: Panic syndromes in a population-based sample of male and female twins. *Psychological Medicine 31*, 989-1000, 2001. PMID: 11513384
- Kendler, K.S., Myers, J., Prescott, C.A., and Neale, M.C.: The genetic epidemiology of irrational fears and phobias in men. *Archives of General Psychiatry*, *58*, 257-265, 2001. PMID: 11231833
- Kendler, K.S., Thornton, L.M., and Prescott, C.A.: Gender differences in the rates of exposure to stressful life events and sensitivity to their depressogenic effects. *American Journal of Psychiatry*, 158, 587-593, 2001. PMID: 11282693
- Prescott, C.A., and Kendler, K.S.: Associations between marital status and alcohol consumption in a longitudinal study of female twins. *Journal of Studies on Alcohol*, 62, 589-604, 2001. Abstracted in: *Alcohol Research* 7, 38, 2002 and *JAMA* 287, 1091, 2002. PMID: 11702798

- Agrawal A., Jacobson K.C., Prescott C.A., and Kendler K.S. A twin study of sex differences in social support. *Psychological Medicine 32*, 1155-1164, 2002. PMID: 12420885
- Fanous A, Gardner, C.O., Jr., Prescott, C.A., Cancro, R., and Kendler, K.S.: Neuroticism, major depression and gender: A population-based twin study. *Psychological Medicine*, 32, 719-728, 2002. PMID: 12102386
- Jacobson, K.C., Prescott, C.A., and Kendler, K.S.: Sex differences in the genetic and environmental influences on the development of antisocial behavior. *Development and Psychopathology*, *14*, 395-416, 2002. PMID: 12030698
- Kahn, A.A., Gardner, C.O., Prescott, C.A., and Kendler, K.S.: Gender differences in the symptoms of major depression in opposite-sex dizygotic twin pairs. *American Journal of Psychiatry*, *159*, 1427-1429, 2002. PMID: 12153840
- Kendler, K.S., Gardner, C.O., and Prescott, C.A.: Toward a comprehensive developmental model for major depression in women. *American Journal of Psychiatry*, *159*, 1133-1145, 2002. PMID: 12091191
- Kendler, K.S., Jacobson, K.C., Myers, J., and Prescott, C.A.: Sex differences in genetic and environmental risk factors for irrational fears and phobias. *Psychological Medicine*, *32*, 209-217, 2002. PMID: 11866316
- Kendler, K.S., Myers, J., and Prescott, C.A.: The etiology of phobias: an evaluation of the stress-diathesis model. *Archives of General Psychiatry*, *59*, 242-248, 2002. PMID: 11879162
- Kendler, K.S., Prescott, C.A., Jacobson, K.J., Myers, J., and Neale, M.C.: The joint analysis of personal interview and family history diagnosis: evidence for validity of diagnosis and increased heritability estimates. *Psychological Medicine*, *32*, 829-842, 2002. PMID: 12171377
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- Luczak, S.E., Yarnell, L.M., and Prescott, C.A. Latent classes of alcohol problems in Mauritian men: Results from the Joint Child Health Project. *Drug and Alcohol Review*. Published March 23, 2017. doi:10.1111/dar.12506
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- Mekli, K., Stevens, A., Marshall, A.D., Arpawong, T.E., Phillips, D.F., Tampubolon, G., Lee, J., Prescott, C.A., Nazroo, J.Y., and Pendleton, N. Frailty index associates with GRIN2B in two representative cohorts in the United States and the United Kingdom. *PLoS one*, *13*, e0207824. PLOS-One. Published November 26, 2018. doi.org/10.1371/journal.pone.0207824.

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Book

Kendler, K.S., and Prescott, C.A. *Genes, Environment and Psychopathology: Understanding the Causes of Psychiatric and Substance Use Disorders*. New York: Guilford Publications, 2006.

Book Chapters and Monographs

- Prescott, C.A., and Kendler, K.S.: Gender and genetic vulnerability to alcoholism. In: W.A. Hunt and S. Zakhari (eds.), *Stress, Gender, and Alcohol-Seeking Behavior*, National Institute on Alcohol Abuse and Alcoholism Research Monograph No. 29. NIH Pub. No. 95-3893. Bethesda, MD: National Institutes of Health, pp. 23-46, 1995.
- Prescott, C.A., and Kendler, K.S.: Genetic and environmental influences on alcohol and tobacco dependence among women. In: J.B. Fertig and J.P. Allen (eds.), *Alcohol and Tobacco: From Basic Science to Clinical Practice*, National Institute on Alcohol Abuse and Alcoholism Research Monograph No 30. NIH Pub. No. 95-3931. Bethesda, MD: National Institutes of Health, pp. 59-87, 1995.
- McArdle, J.J. and Prescott, C.A. Contemporary models for the biometric genetic analysis of intellectual abilities. In D.P. Flanagan, J.L. Genshaft and P.L. Harrison (eds.) *Intellectual Assessment: Contemporary and Emerging Theories, Tests and Issues*, New York: Guilford Press, 403-436, 1996.
- Prescott, C.A. Genetic epidemiology of alcoholism: Sex differences and future directions. In D. Agarwal and H. Seitz (eds.), *Alcohol in Disease and Health*. New York: Marcel Dekker Inc, 125-149, 2001.
- Prescott, C.A., Maes, H.H., and Kendler, K.S. Substance use disorders. In K. Kendler and L. Eaves (eds). *Psychiatric Genetics*. (American Psychiatric Press Review of Psychiatry, vol 24). Washington DC: American Psychiatric Publications Inc, 167-196, 2005.
- Dick, D.M., Prescott, C.A., and McGue, M. The genetics of substance use and substance use disorders. In Kim, Y.-K. (ed). *Handbook of Behavior Genetics*. New York: Springer, 433-453, 2009.

Prescott, C.A. Clinical versus statistical prediction of zygosity in adult twin pairs: An application of classification trees. In: J.J. McArdle and G. Ritschard (Eds) *Contemporary Issues in Exploratory Data Analysis*. New York: Taylor & Francis, 2013.

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- Prescott, C.A. Alcoholism and drug addiction. *Encyclopedia of the Human Genome*. Nature Publishing Group, 2003
- Prescott, C.A., Arpawong, T.E., and McArdle, J.J. Genetic studies of behavior: Methodology. In: Wright, J.D. (Ed.), *International Encyclopedia of the Social and Behavioral Sciences*, 2nd *Edition*, Oxford: Elsevier, in press.
- Prescott, C.A., Khoddam, R., and Arpawong, T.E. Genetic risk for substance abuse and addiction: Twin and family studies. *Encyclopedia of Life Sciences*, Chicester: John Wiley & Sons, Ltd. http://www.eLS.net

Letters to the Editor, Book Reviews

- Prescott, C.A., and McArdle, J.J. Psychosocial risk: The power of longitudinal data, edited by M. Rutter. (Review). *Child Development*, 64, 120-121, 1990.
- Prescott, C.A., Johnson, R.C., and McArdle, J.J. Genetic contributions to television viewing (Letter). *Psychological Science*, 2, 430-431, 1991.
- Kendler, K.S., Gardner, C.O. Jr., and Prescott, C.A. Corrections to two prior published articles. (Letter). *Archives of General Psychiatry* 57, 94-95, 2000.
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- Kendler, K.S., Prescott, C.A., and Karkowski, L.M. (Letter). *American Journal of Psychiatry*, 157, 1345, 2000.
- Kendler, K.S., Gardner, C.O. Jr., and Prescott, C.A. Reply to Trappler and Endicott. (Letter). *American Journal of Psychiatry*, *157*, 1345, 2000.
- Prescott, C.A., and Kendler, K.S. Early age at first alcoholic drink. (Letter). *American Journal of Psychiatry*, 158, 1530, 2001.
- Van den Oord, E. J. C. G., and Prescott, C. A. Psychiatric Genetics: Methods and Reviews/Psychiatric Genetics and Genomics (Review). *Psychological Medicine*, *34*, 377, 2004.
- Prescott, C.A. Behavior Genetics of Cognition (Review). Behavior Genetics, 44, 89-90, 2014.

Selected Published Abstracts (as first or last author)

- McArdle, J.J., and Prescott, C.A. Biometric analyses of change over age. *Behavior Genetics*, 19, 767, 1989
- McArdle, J.J., and Prescott, C.A. Synthesizing twin, family, and adoption studies of intellectual ability using multivariate WAIS data. *Behavior Genetics*, 20, 733, 1990.
- Prescott, C.A., and Gottesman, I.I. Biometric prediction of genetic liability for schizophrenia. *Behavior Genetics*, 20, 742, 1990.
- Prescott, C.A., and McArdle, J.J. Biometric analysis of categorical data on twins. *Behavior Genetics*, 21, 588-589, 1991.

- Prescott, C.A., Hewitt, J.K., Truett, K.R., Heath, A.C., Neale, M.C., and Eaves, L.J. Genetic contributions to alcohol abuse in women: Taking another look. *Behavior Genetics*, 22, 746, 1992.
- Prescott, C.A., Corey, L.A., Heath, A.C., Neale, M.C., Eaves, L.J., and Kendler, K.S. Sources of covariation between alcohol intake and alcohol dependence among women. *Behavior Genetics*, 25, 284, 1995.
- Prescott, C.A., and Kendler, K.S. Stability of alcohol intake among women: Contributions of genetics. *Alcoholism: Clinical and Experimental Research*, 19(2 suppl), 71A, 1995.
- Kendler, K.S., and Prescott, C.A. Population-based twin study of alcohol abuse and dependence: Modeling gender differences. *American Journal of Medical Genetics*, 74, 574, 1997.
- Prescott, C.A. and Kendler, K.S. Sex differences in alcoholism: New data from the MCV Stress and Coping Study. *Behavior Genetics*, 27, 602, 1997.
- Prescott, C.A. and Kendler, K.S. A new twin study of alcoholism. *Alcoholism: Clinical and Experimental Research*, 22 (3 suppl), 96A, 1998.
- Prescott, C.A. and Kendler, K.S. Multivariate genetic analyses of alcohol, tobacco, and marijuana consumption and dependence among female twins from MCV Stress and Coping Twin Project. *Behavior Genetics*, 28, 478, 1998.
- Prescott, C.A., Aggen, S.H., and Kendler, K.S. A twin study of the comorbidity of alcoholism and major depression. *Alcoholism: Clinical and Experimental Research*, *23*, 314, 1999; *Molec Psychiat*, *4* (*suppl 1*) S47, 1999; *Behavior Genetics 29*, 366-367, 1999.
- Prescott, C.A., and Kendler, K.S. Separating the influences of age and age-related variables in the analysis of change in alcohol consumption among female twins. *Behavior Genetics*, *30*, 415, 2000.
- Prescott, C.A., and Kendler, K.S. The influence of ascertainment strategy on finding sex differences in genetic influences from twin studies of alcoholism. *American Journal of Medical Genetics* (*Neuropsychiatric Genetics*), 96, 463, 2000.
- Bullers, S., and Prescott, C.A. Beliefs about the causes of drinking problems, exposure to drinking problems, and perceived control. *American Journal of Medical Genetics (Neuropsychiatric Genetics)* 96, 517, 2000.
- Prescott, C.A., Cross, R., Horn, J.L., and Kendler, K.S. Sources of covariance between alcoholism and motivations for drinking. *Behavior Genetics*, *31*, 465, 2001.
- Prescott, C.A., Cross, R.J., Horn, J.L., and Kendler, K.S. Genetic influences on risk for alcoholism are indexed by individual differences in motivations for drinking. *Alcoholism: Clinical and Experimental Research* 26, 29A, 2002.
- Prescott, C.A., Sullivan, P.F., Devitt, M., Halberstadt, L.J., Walsh, D., Patterson, D.G., and Kendler, K.S. Preliminary phenotypic results from an affected sib-pair study of alcohol dependence in Ireland. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, 98, 783, 2002.
- Prescott, C.A., and Kendler, K.S. Genetic overlap of alcohol consumption and alcoholism. *Behavior Genetics*, 32, 481, 2002.
- Prescott, C.A., Kendler, K.S. Early smoking and risk for illicit drug use. Using data from twins to evaluate the tobacco gateway hypothesis. *Behavior Genetics*, *33*, 714, 2003.
- Prescott, C.A., Kuhn, J.S., and Pedersen, N.L. French paradox redux: Are the "protective" effects of moderate alcohol consumption direct or indirect? *Behavior Genetics*, *34*, 656, 2004
- Prescott, C.A., Sullivan, P.F., Kuo, P.-H., Webb, B.T., Vittum, J., Patterson, D.G., Thiselton, D., Neale, M.C., van den Oord, E.J., Walsh, D., Riley, B.P., and Kendler, K.S. Linkage of alcohol dependence symptoms to chromosome 4 and preliminary association with ADH-7 in the Irish

- Affected Sib Pair Study of Alcohol Dependence. *Alcoholism: Clinical and Experimental Research*, 29, 132A, 2005.
- Prescott, C.A., Sullivan, P.F., Kuo, P.-H., Webb, B.T., Vittum, J., Patterson, D.G., Neale, M.C., van den Oord, E.J., Walsh, D., Riley, B.P., and Kendler, K.S. Linkage of alcohol dependence symptoms to chromosome 4 in the Irish Affected Sib Pair Study of Alcohol Dependence. *Behavior Genetics*, 35, 818, 2005. Also in: *American Journal of Medical Genetics (Neuropsychiatric Genetics)* 130B, 22-23, 2005.
- Prescott, C.A., Kuo, P.-H., Kalsi, G., Walsh, D., Patterson, D., Riley, B., Kendler, K. Mediation of genetic influences on alcoholism severity by drinking motives and alcohol sensitivity. *Alcoholism: Clinical and Experimental Research*, *31*, 133A, 2007.
- Sintov, N.D., Kendler, K.S., Sullivan, P.F., Walsh, D., Patterson, D.G., and Prescott, C.A. Predictors of illicit substance dependence among individuals with alcohol dependence. *Alcoholism: Clinical and Experimental Research*, *31*, 128A, 2007.
- Young-Wolff, K.C., Kang, S.J., Kendler, K.S., and Prescott, C.A. Influence of sample ascertainment on estimating the risk for alcohol dependence in individuals with a family history of major depression. *Alcoholism: Clinical and Experimental Research*, *31*, 132A, 2007.
- Jajodia, A., Kendler, K.S., and Prescott, C.A. Mediation of the genetic link between social anxiety and heavy drinking by drinking motives. *Alcoholism: Clinical and Experimental Research*, 32, 238A, 2008.
- Lee, L.O., Kendler, K.S., and Prescott, C.A. Impact of age at first drink and stressful life events on alcohol use: A replication using a population-based sample of female twin. *Behavior Genetics*, *38*, 635, 2008.
- Prescott, C.A., Luczak, S.E., Murrelle, E.L., and Kendler, K.S. Genetic overlap of attention deficit hyperactivity and oppositional defiant symptoms with tobacco use and dependence in male twins. *Behavior Genetics*, *38*, 644, 2008.
- Young-Wolff, K.C., Kendler, K.S., and Prescott, C.A. Drinking alcohol to improve mood partially mediates the relation between major depression and alcohol dependence. *Alcoholism: Clinical and Experimental Research*, *32*, 109A, 2008; and *Behavior Genetics*, *38*, 612-654, 2008.
- Chereji, E., Pedersen, N.L., Gatz, M., and Prescott, C.A. Sex-specific genetic influences on risk for alcohol dependence in the Swedish twin registry. *Alcoholism: Clinical and Experimental Research*, *33*, 15A, 2009.
- Sintov, N.D., Kendler, K.S., Young-Wolff, K.C., Walsh, D., Patterson, D.G., and Prescott, C.A. Subtypes of alcohol dependence based on comorbid psychopathology. *Alcoholism: Clinical and Experimental Research*, *33*, 67A, 2009.
- Young-Wolff, K.C., Kendler, K.S., and Prescott, C.A. A population-based twin study of childhood maltreatment and alcohol use disorders in men. *Alcoholism: Clinical and Experimental Research*, *33*, 69A, 2009; and *Behavior Genetics 39*, 694, 2009.
- Jajodia, A., Kendler, K.S., and Prescott, C.A. Academic performance and alcohol use in high school: Longitudinal associations and genetic environmental contributions in male twins. *Behavior Genetics*, *39*, 659, 2009.
- Prescott C.A., McArdle, J.J., Plotts, C., and Lapham, S. Using Project TALENT twin data to estimate the range of the components of variance of higher-order cognition. *Behavior Genetics*, 41, 932, 2011.
- Chereji, E., Gatz, M., Pedersen, N., and Prescott, C. An investigation of genetic and environmental influences on the association between fertility and lifespan in male and female twins. *Behavior*

- Genetics, 42, 924, 2012.
- Hsu, K., Young-Wolff, K., Halberstadt, L., Kendler, K., and Prescott, C. Familial risk and cognitive impairment in major depression: A monozygotic twin-pair study. *Behavior Genetics*, 42, 940, 2012.
- Prescott, C.A., McArdle, J.J., Berenbaum, S., and Lapham, S. Does the maternal immunity hypothesis explain individual differences in cognition? *Behavior Genetics*, 42, 961-962, 2012.
- Khoddam, R., Luczak, S.E., Kendler, K.S. and Prescott, C.A. The differential influences of adolescent antisocial behavior factors on age at alcohol initiation. *Alcoholism: Clinical and Experimental Research*, *37*, 73A, 2013.
- Prescott, C.A., Xu, X., Achorn, D.L., Lapham, S., Mitchell, L., Kaiser, A., and Biederman, I. Applying visual recognition software to yearbook photographs to assign zygosity of twin pairs in Project Talent. *Behavior Genetics*, 43, 509-510, 2013.
- Khoddam, R., Luczak, S.E., Kendler, K.S. and Prescott, C.A. Different genetic and environmental structures for the overlap of three antisocial behavior factors with early alcohol initiation. *Alcoholism: Clinical and Experimental Research*, *33*, 223A, 2014.
- Prescott, C.A., McArdle, J.J., Achorn, D.L., Kaiser, A., and Lapham S.J. Estimating SES x genetic and family environmental effects when zygosity is unknown using data from project Talent twins and siblings. *Behavior Genetics*, 44, 970, 2014.
- Arpawong, T.E., McArdle JJ, Prescott CA. APOE alleles and aging-related memory decline: the tortoise (E2) and the hare (E4). *Behavior Genetics*, 45, 924, 2015.
- Bautista, R.P.M., McArdle, J.J., Achorn, D.L., Lapham S.J. and Prescott, C.A. Nonlinear predictors of Project Talent twin and sibling follow up. *Behavior Genetics*, 45, 926, 2015.
- Prescott, C.A., Achorn, D.L., Bautista, R., Cortez, F., McArdle, J.J., and Lapham S.J. Validation of zygosity classification in the Project Talent Twins and Sibling Study. *Behavior Genetics*, 45, 939, 2015.

OTHER SCHOLARLY ACTIVITIES

Grant Reviewing (Ad hoc)

1994 - 1999 National Institute on Alcohol Abuse and Alcoholism (Health Services Research on Alcohol-Related Problems, Community Prevention and Control, Small Business Initiatives Research, Extramural Concept Statements & Contracts)

| 1999 | Veterans Administration (Office of External Reviews) |
|-------------|--|
| 1998 - 2000 | National Institute on Drug Abuse (<i>Epidemiology and Prevention Research</i>) |
| 1996, 2005 | National Institute on Mental Health (Prevention and Treatment) |
| 2000 - 2010 | National Institutes of Health (ad hoc for various review groups, 1-2x/year) |
| 2010 | VENI Grants (Innovational Research Incentives Scheme), Netherlands |
| Oct. 2016 | National Institutes of Health (ZRG1 PSE-P59 Review group) |

Editorial Activities

1992-1999 Editorial Board, Behavior Genetics

1999-2006 Associate Editor, Behavior Genetics

2003-2008 Review Editor, Alcoholism: Clinical and Experimental Research

2005-2006 Guest Editor, Behavior Genetics Special Issue on Development of Substance
Use Disorders, vol 36, no 4, 2006 [recipient of Fulker Award]

Journal Refereeing

Addiction; Addiction Biology; Aging and Cognition; Alcohol; Alcohol and Alcoholism; Alcoholism: Clinical and Experimental Research; Alcohol Research and Health; American Journal of Psychiatry; Archives of General Psychiatry; Behavior Genetics; Biological Psychiatry; Clinical Psychological Science; Developmental Neuropsychology; Developmental Psychology; Drug and Alcohol Dependence; Intelligence; Journal of Abnormal Psychology; Journal of Clinical Psychology; Journal of Consulting and Clinical Psychology; Journal of Gerontology: Biological Sciences; Journal of Gerontology: Psychological Sciences; Journal of Studies on Alcohol and Drugs; Molecular Psychiatry; Psychological Medicine; Psychopharmacology

Major Invited Talks and Conference Symposia

- Gender and genetic vulnerability to alcoholism. NIAAA-symposium, Stress, Gender and Alcohol-Seeking Behavior, September 1994
- Genetic and environmental influences on alcohol and tobacco dependence among women.

 NIAAA symposium, Alcohol and tobacco: From basic science to public policy,
 San Diego, CA, November 1994
- Twin studies of alcoholism. American Society of Addiction Medicine, San Diego, CA, April 1997
- Phenotypes for drug abuse genetic studies in women. College of Problems on Drug Dependence, Nashville, TN, June 1997
- Do anxious and depressive states share common genetic factors? 11th European Congress of Neuropsychopharmacology, Paris, France, November 1998
- Beyond heritability: Genetic epidemiologic approaches to studying the etiology of alcoholism.

 Research Society on Alcoholism, Santa Barbara CA, June 1999 (Symposium Organizer)
- Third party subjects in behavioral research: A view from VCU. American Psychological Society, Washington, DC, June 2002
- What twins can teach us about the etiology of addictions. College on Problems of Drug Dependence, Bal Harbour, FL, June 2003
- What twin studies teach us about the etiology of alcoholism. 4th annual Guze Symposium, Washington University at St. Louis, MO, February 2004
- Genetic epidemiology of substance use disorders. American Psychological Association, Washington, DC, August 2005
- Genetic influences on substance use disorders: Heritability and beyond. American Association for Addiction Psychiatry, Scottsdale, AZ, December 2005
- Alcoholism: from genotypes to genes (and back again). Human Genome Meeting, Helsinki, Finland, June 2006
- Why do alcoholism and depression often go together? National Alliance for Research on Schizophrenia and Depression, Symposium on New Directions in Psychiatric Disorders Research. Los Angeles, CA, December 2007
- Using genetically informative samples to study etiology & heterogeneity in psychopathology. Psychopathology Research Symposium. Department of Psychology, University of Minnesota, Minneapolis, MN, April 2008
- Using twins to study the causes of psychiatric and substance use disorders. National Alliance for Research on Schizophrenia and Depression, Symposium on Healthy Minds Across America. Los Angeles, CA, September 2008

- Understanding the causes of psychiatric and substance use disorders. Region IX Healthcare for the Homeless Conference, Los Angeles, CA, February 2009
- Gender differences in mediation of genetic risk for alcohol dependence by drinking motives. Research Society on Alcoholism, San Diego, CA, June 2009
- Using genetically informative samples to study etiology and heterogeneity in psychopathology. Western Psychological Association, Cancun, Mexico, April 2010
- Twin and adoption studies related to addiction: Results and implications for molecular genetic research. Short Course on the Genetics of Addiction. Jackson Laboratory, Bar Harbour, ME, August 2010
- Genetic epidemiology of substance use disorders. Short Course on the Genetics of Addiction. Jackson Laboratory, Bar Harbour, ME, August 2011
- Project TALENT Twin Data. Workshop on Using the Project TALENT Data Archive. Gerontological Society of America, Boston, MA, November 2011
- A short history of Behavior Genetics in Virginia. Presidential Address, Behavior Genetics Association, Charlottesville, VA, June 2014
- Project Talent Twins and Siblings Study: Later-life impacts of adolescent SES, family and genetics. (Presenter and Symposium Co-Organizer). Gerontological Society of America, Orlando, FL, November 2015.
- Self-administered computerized adaptive tests of cognitive abilities. (Presenter and Symposium Co-Organizer). Gerontological Society of America, New Orleans, LA, November 2016.
- New findings and data release from the Project Talent Twins and Siblings Study. (Presenter and Symposium Co-Organizer). Gerontological Society of America, Boston, MA, November 2018.

Other Invited Talks

- Genetic epidemiology of alcoholism and alcohol consumption. Titisee Conference on Alcohol and Health, Titisee, Germany, December 1999.
- Genetic influences on alcoholism: Overview and clinical implications. NIAAA Forum on Research to Practice. Oklahoma City, OK, March 2000
- Third party subjects in behavioral research. Forum on Research Management, Federation for Behavioral, Social and Cognitive Sciences, Washington, DC, April 2002.
- Genetic influences on addictions: Research findings and clinical implications. Richmond Behavioral Health Authority, Richmond VA, February 2004
- Using twin studies to address questions of causality. Department of Psychology, University of Missouri, February 2004
- *Individual differences in risk for alcoholism: Genes and genotypes.* Department of Psychology, USC, September, 2004
- The Irish Affected Sib Pair Study of Alcohol Dependence. National Institute on Alcohol Abuse and Alcoholism. November 2004
- From genotypes to genes: Individual differences in risk for alcoholism. Department of Psychiatry, University of Virginia, March, 2005
- Addiction: Behavioral and molecular genetic methods. Society of Multivariate Experimental Psychology Minority Student Conference, Washington DC, August 2005
- Genetics and the family. Addictions Forum: Research, Policy and Practice. Belfast, Northern Ireland, September 2005
- Fitting models for twin and family data using Mplus. Workshop on Analysis of Twin and Family

- Data. Egmond, Netherlands, October 2005
- Perspectives of a journal editor. Continuing Education workshop. Department of Psychology, USC, November 2005
- Susceptibility loci for alcoholism and related traits in the Irish Affected Sib Pair Study of Alcohol Dependence. Scripps Research Institute, San Diego CA, April 2006
- A conversation about addiction. Center for Excellence in Research workshop. Office of the Vice Provost for Research Advancement, USC, November 2007
- Adding measured genes to social and behavioral research. Center for Excellence in Research workshop. Office of the Vice Provost for Research Advancement, USC, February 2008 and October 2008
- Applying for pre-doctoral fellowships. Center for Excellence in Research workshop. Office of the Vice Provost for Research Advancement, USC, September 2009
- Using genetically informative samples to study etiology & heterogeneity in substance use disorders. Research Institute on Addictions, State University of New York at Buffalo, May 2010
- Using data mining to explore genetic heterogeneity in risk for alcohol dependence. Workshop on Exploratory Data Mining for Understanding Risk. Missillac, France, July 2010
- Studying twins to understand genetic influences on alcoholism. Department of Psychology, California State University, San Bernardino, April 2011
- Psychometric, chronometric biometric models of cognitive abilities: Contributions of Jack McArdle to Behavior Genetics. Festschrift in honor of Jack McArdle, Virginia Commonwealth University, Richmond VA, October 2016

Other Conference Presentations (1st author, not already listed in Published Abstracts)

- Prescott, C.A., and Strauss, M.E. *Perceptual span in psychosis*. Eastern Psychological Association, April 1984
- Prescott, C.A., and Gottesman, I.I. *The MacAndrew Alcoholism Scale: Examining the potential for abuse.* Society for Research on Psychopathology, November 1988.
- Prescott, C.A., Kessler, R., Heath, A.C., Neale, M.C., Eaves, L.J., and Kendler, K.S. *Genetic contributions to liability for alcoholism in women moderated by parental diagnosis and parenting style*. World Congress on Psychiatric Genetics, October 1993.
- Prescott, C.A., and Gottesman, I.I. *Power limitations in detecting heterogeneity of genetic effects: The case of sex differences in alcoholism.* Society for Research on Psychopathology, October 1993.
- Prescott, C.A., Walters, E., Neale, M.C., and Kendler, K.S. *Using twin and family data to identify subtypes of alcoholism*. Short Course on Medical and Experimental Mammalian Genetics, Jackson Laboratory, July 1994.
- Prescott, C.A. and Kendler, K.S. *Personality differences in dynamic relations between life events and alcohol consumption among women*. American Psychological Society, June 1995 and the IVth European Congress of Psychology, July 1995.
- Prescott, C.A., McArdle, J.J., and Hamagami, F. *A biometric analysis of multidimensional and dynamic cognitive changes over the adult life-span*. International Society for the Study of Behavioral Development, August 1996.
- Prescott, C.A. and Kendler, K.S. *A new twin study of alcoholism: Preliminary Results*. International Society of Psychiatric Genetics, October 1996.
- Prescott, C.A. and Kendler, K.S. Multivariate genetic analyses of alcohol, tobacco and

- marijuana consumption and dependence among female twins. International Society for Biomedical Research on Alcoholism, July 1998.
- Prescott, C.A. A multivariate experiment on genetic contributions to vulnerability to anxiety. Society of Multivariate Experimental Psychology, October 1998.
- Prescott, C.A., and Kendler, K.S. *Genetic and environmental influences on transitions between stages of alcohol use in women.* College on Problems of Drug Dependence, June 1999.
- Prescott, C.A., and Kendler, K.S. *Detecting sex differences in genetic influences on traits scored as binary variables: Applications for the etiology of alcoholism.* Society of Multivariate Experimental Psychology, October 1999.
- Prescott, C.A., and Kendler, K.S. *Using twins to study the basis of the association between age at first drink and alcoholism*. Society of Multivariate Experimental Psychology, October 2000.
- Prescott, C.A., Sullivan, P.F., Devitt, M., Halberstadt, L.J., Walsh, D., Patterson, D.G., and Kendler, K.S. *Preliminary results from a study of alcoholism subtypes among families with alcohol dependence in Ireland*. Society of Multivariate Experimental Psychology, October 2002.
- Prescott, C.A. *Contributions of John Horn to Alcoholism Research*. Society of Multivariate Experimental Psychology, October 2006
- Prescott, C.A., McArdle, J.J., Achorn, D.L., Kaiser, A., and Lapham, S. *Applying Project TALENT sibling and classmate data to evaluate community and family influences on cognitive abilities*. Society of Multivariate Experimental Psychology, October 2012

Additional Training Experiences

- 1991 Short Course in the Methodology of Twin and Family Studies, Katholik University, Leuven, Belgium. Two-week course on data analysis of research problems involving data from twins and families.
- 1994 Short Course on Medical and Experimental Mammalian Genetics, Jackson Laboratory, Bar Harbor Maine. Two-week course covering recent developments in genetic techniques and research.
- 1997 Summer Institute on Longitudinal Methods, Center for Research in Drug Prevention, Pennsylvania State University, State College, PA. Imputation of missing data and hierarchical linear modeling.
- 1998 Drug Dependence, Pharmacology 548, Virginia Commonwealth University. Graduate course in the pharmacology of psychoactive substances.
- 1999 Methodology of Twin and Family Studies Advanced Course, University of Colorado, Boulder, CO. One-week course on advanced methods for data from twins and families.
- 2000 Second International Meeting on the Genetic Epidemiology of Complex Traits, Cambridge, UK. Three-day course on statistical analysis of twin and family data.
- 2000 Summer Institute on Longitudinal Methods, Center for Research in Drug Prevention, Pennsylvania State University, State College, PA. Three-day workshop on analysis of categorical data.
- 2001 Summer Institute on Longitudinal Methods, Center for Research in Drug Prevention, Pennsylvania State University, State College, PA. Three-day workshop on applications of the software program Mplus.
- 2001 American Psychological Association Advanced Course in Longitudinal Methods, University of Virginia, Charlottesville, VA. Five-day workshop on methods for analyzing longitudinal data.

2010 American Psychological Association Advanced Course in Data Mining, University of Southern California, Los Angeles, CA. Five-day workshop on methods for exploratory data analysis.

TEACHING

Major Teaching Assignments

Virginia Commonwealth University

Course Organizer, Quantitative Genetics Research Seminar, Department of Human Genetics, Fall 1997, Spring 1998

Instructor, PGY-III Research Techniques Course, Department of Psychiatry Fall 1998-2000

University of Southern California

Advanced Clinical Seminar: Genetic Influences on Psychopathology

(PSYC680) – Spring 2006

Abnormal Psychology (PSYC360) – Spring 2007

Psychological Science I (PSYC599) – Fall 2007

Psychological Science II (PSYC599) – Spring 2008

Workshop in Quantitative Methods: Analysis of Family, Twin & Genetic Data (PSYC621) – Spring 2009

Advanced Clinical Seminar: Clinical Neuroscience of Addiction (PSYC680) - Fall 2009

Drugs, Behavior & Society (PSYC165) – Fall 2010

Research Methods in Psychology (PSYC504) – Fall 2006, Spring 2008, Fall 2008, Spring 2010, 2011, 2013, 2014

Non-Experimental Research Methods (PSYC316) – Spring 2014

Directed Field Experience in Psychology (PSYC391) – Summer 2015, Fall 2015, Spring 2016

Faculty Mentor

Directed Field Experience in Psychology (PSYC391) – Spring 2013, Summer 2013, Fall 2013

Guest Lectures and Other Teaching

| Virginia Comm | onwealth University, Medical College |
|---------------|---|
| 1992 | M-I Clinical Interviewing, Department of Psychiatry |
| 1993 | Sociobiology, Department of Psychology |
| 1994 | Workshop on Methods in Substance Abuse Research, Center for Drug and |
| | Alcohol Studies |
| 1996, 2000 | 0, 2005 M-II Behavioral Science Course, Department of Psychiatry |
| 1998, 2003 | Introduction to Human Behavioral Genetics, Dept of Human Genetics |
| 1999 | Professional Issues Seminar, Department of Psychology |
| 1999 | Substance Abuse, Department of Rehabilitation Counseling |
| 1999 - 200 | 3 4 th year Residents Didactic Seminar, Department of Psychiatry |
| 1999 - 200 | 1st year Residents Didactic Seminar, Department of Psychiatry |
| | |

University of Southern California, Department of Psychology

Spring 2006 Behavioral Genetics (PSYC438), Proseminar in Lifespan Developmental Psychology (PSYC535B), Analysis of Covariance Structures (PSYC577)

Fall 2006 Workshop in Quantitative Methods (PSYC578)

Spring 2008 Research Design in Developmental Psychology (PSYC524)

| Spring 2010 | Workshop in Quantitative Methods (PSYC578) |
|-------------|---|
| Fall 2012 | Multivariate Analysis of Behavioral Data (PSYC575) |
| Spring 2013 | Research Design in Developmental Psychology (PSYC524) |

MENTORING

Primary Research Advisor – Doctoral Students

Virginia Commonwealth University

1999 - 2003 Dawn Johnson – Ph.D. in Psychology, 2004 (Thesis Co-Chair)

Department of Psychology, USC

```
2005 - 2011 Lewina Lee - Ph.D. 2012

2006 - 2009 Emily Fine - Ph.D. 2009 (Thesis Co-Chair)

2006 - 2011 Nicole Sintov - Ph.D. 2011

2006 - 2012 Kelly Young-Wolff - Ph.D. 2012

2007 - 2014 Elizabeth Chereji -- Ph.D. 2014

2012 - 2016 Rubin Khoddam, Doctoral student

2014 - 2015 Franchesca Cortez, Doctoral student
```

Post-Doctoral Advising – Primary Mentor

Virginia Commonwealth University

2004 - 2006 Po-Hsiu Kuo Ph.D. (Post-doctoral trainee)

University of Southern California

2007 - 2009 Archana Jajodia 2013 - 2017 Thalida Em Arpawong 2017 - 2020 Catalina Zavala

Research Advisor – Undergraduates (USC Department of Psychology unless noted otherwise)

1999 - 2000 Rebecca Cross (Department of Psychology, University of Richmond) 2007 - 2008 Sarah Turkhisher (Honors Program)

2008 - 2009 Giuliette Recht

2008 - 2009 Elizabeth Donnell (Honors Program)

2009 Barrymore Rosellini

2009 - 2011 Nitika Gupta (Honors Program)

2009 - 2010 Neelam Savla

2010 - 2011 Amber Hannah (California State University, Los Angeles)

2011 - 2012 Ryan Rysyk

2013 Rachel Piperno, Hong Clarke

M.A. Thesis Committee Member (all in USC Department of Psychology)

| 2008 | Marissa Ericson |
|-------------|------------------|
| 2007 - 2008 | Lauren Spies |
| 2008 | Yan Zhou |
| 2010 - 2011 | Larissa Borofsky |
| 2010 - 2011 | Kulwinder Singh |

| 2012 - 2013 | Davika Dhamija |
|-------------|----------------|
| 2013 - 2014 | Justin Hummer |
| 2014 - 2015 | Jeffrey Newall |
| 2015 | Laura Garcia |
| 2015 - 2016 | Geoff Corner |

Ph.D. Thesis Committee Member (USC Department of Psychology unless noted otherwise)

1996 - 1998 Lucinda Shillady (VCU Human Genetics) 2004 - 2006 Scott MacDonald (VCU Psychology) 2006 - 2011 Joshua Isen 2006 - 2008 Guneet Kaur (USC Public Health) 2006 - 2007 Enrique Ortega (USC Public Health) 2006 - 2008 Mo Zheng 2007 - 2008 Serena Bezdjian 2007 - 2010 Jessica Brummelhof 2007 - 2009 Jennifer Dave 2007 - 2009 Amber Hall (USC Gerontology) 2008 - 2009 Nashla Feres 2009 - 2011 Ravi Iver Kean Hsu 2009 - 2014 Louise Cosand 2010 - 2013 2010 - 2013 Sharon Niv 2013 - 2015 Gin Chen 2014 - 2015 Christine Juang

Post-Doctoral Trainees (Co-Advisor)

2015 - 2016

Virginia Commonwealth University

1997 - 1999 Steven Aggen, Ph.D.
1999 - 2000 Kristen Jacobson, Ph.D.
1999 Yoon-Mi Hur, Ph.D.
2002 - 2004 Jonathan Kuhn, Ph.D.
2004 - 2006 Gursharan Kalsi, Ph.D.

Justin Hummer

University of Southern California

2011 - 2014 Lisa Yarnell, Ph.D. 2015 - 2017 Jennifer Robinette, Ph.D.

Other Research Advising

| 1995 - 1998 | Francis Lexcen (PhD candidate, Psychology, University of Virginia) |
|-------------|--|
| 2002 - 2003 | Stephanie Byers (Intern, Governor's High School, Richmond VA) |
| 2002 - 2004 | Arpana Agrawal (PhD candidate, Human Genetics, VCU) |
| 2004 - 2008 | Jessica Baker (PhD candidate, Psychology, VCU) |

Clinical Supervision

Clinical Psychology Internship Program, VCU, 1994-1996 Clinical Psychology Doctoral Program, USC, 2009-2015

Other Mentoring

| 2004 - 2005 | Thomas Crawford, Ph.D. New York State Psychiatric Institute, Columbia |
|-------------|--|
| | University. Co-Mentor on K-01 application to NIMH. |
| 2004 - 2005 | Erica Spotts, Ph.D. Department of Medical Epidemiology, Karolinska Institute. |
| | Co-Mentor on K-01 application to NICHD. |
| 2004 - 2006 | Xiangning Chen, Ph.D. Virginia Institute for Psychiatric and Behavioral |
| | Genetics, VCU. Co-Mentor on K-01 award from NIDA. |
| 2006 - 2007 | Maricela Alarcon, Ph.D. Department of Neurology, University of California, Los |
| | Angeles. Mentor on K-01 application to NIMH. |
| 2006 - 2008 | Susan Luczak, Ph.D. USC. Co-Advisor on K-08 Award from NIAAA. |

UNIVERSITY SERVICE

Virginia Commonwealth University

Departmental Committees

| 1996 | Faculty Search Committee, Department of Psychiatry |
|-------------|---|
| 1997 | Faculty Search Committee, Department of Human Genetics |
| 2004 - 2005 | Faculty Search Committee, Department of Pharmacology |
| 2005 | Chair, Faculty Search Committee, Virginia Institute for Psychiatric and |
| | Behavioral Genetics, Department of Psychiatry |

University Committees

| 1994 - 1996 | Member, Neurosciences Research Subcommittee |
|-------------|---|
| 1998 - 2003 | Member, Institutional Review Board, Human Subjects Committee |
| 2003 - 2005 | Alternate, Institutional Review Board, Human Subjects Committee |

University of Southern California

Department of Psychology Committees

| 1 | v 60 |
|-------------|--|
| 2005 - 2006 | Member, Graduate Studies Committee |
| 2006 | Member, Tenure Review Committee |
| 2007 - 2009 | Director of Graduate Studies; Chair, Graduate Committee |
| 2008 | Chair, Promotion Committee (for S. Luczak) |
| 2009 - 2010 | Chair, Space Advisory Committee |
| 2009 - 2010 | Co-Chair, Promotion Committee (for J. Monterosso) |
| 2010 - 2011 | Member, Graduate Studies Committee |
| 2012 | Member, Department Chair Consultation Committee |
| 2012 - 2017 | Member, Faculty Mentoring Committee (for D. Saxbe) |
| 2013 - 2014 | Member, Adjunct Faculty Advisory Committee |
| 2017 | Chair, Faculty Fifth Year Developmental Review Committee |
| 2018 | Chair, Promotion Committee (for R. John) |
| 2018 - 2020 | Member, Faculty Mentoring Committee (for M. Lai) |
| 2019 - 2020 | Chair, Faculty Mentoring Committee (for C. Beam) |
| | |

University Committees

| 2010 | Selection Committee – Provost Graduate Fellowships |
|------------------|--|
| 2010, 2011, 2013 | Selection Committee – Undergraduate Presidential Fellowships |

| 2006-07, 2008-09 | Member, Social Sciences Personnel Committee, Dornsife College |
|------------------|---|
| 2009 - 2010 | Chair, Social Sciences Personnel Committee, Dornsife College |
| 2010 - 2011 | Member, Social Sciences Personnel Committee, Dornsife College |
| 2013 - 2015 | Member, Natural Sciences and Mathematics Personnel Committee, |
| | Dornsife College |
| 2014 - 2016 | Member, University Park Campus Institutional Review Board |

Other University Service

| 2006 | Facilitator, Genetics Working Group, USC Global Health Planning Retreat |
|-------------|--|
| 2007 - 2010 | Fellow, USC Center for Excellence in Research |
| 2012 - 2017 | Mentor, Biodemography of Aging Training Grant, Davis School of Gerontology |

COMMUNITY ORGANIZATIONS AND SERVICE

Democratic Party of Virginia

Delegate, 7th District Democratic Convention, May 1992

Delegate, Virginia Democratic Convention, June 1992

Pro bono Psychotherapy and Consultation

Richmond Nursing Home, 1993 - 1996

Rubicon Women's Treatment Center, 1997

Reading for the Blind & Dyslexic, 2003

Secretary, Faubourg St. Denis Homeowners Association, 2005-2008

Homeless Healthcare Los Angeles, Board of Directors

Member, 2007-2012

Chair, Program Committee, 2007-2012

Vice President, 2009 - 2012

CLINICAL ACTIVITIES

Licensure - Commonwealth of Virginia, #0810-002222 Licensed Psychologist (Clinical), July 1993 - 2015

Service Provision

Adult Outpatient Psychiatry, Virginia Commonwealth University

Adult assessment, individual and group psychotherapy. Specializing in cognitive behavioral therapy of affective and anxiety disorders, and assessment and treatment of geriatric patients. 1993 - 2005